

APR 21 2014

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)



Sample Duration: 2:45 PM - 3:45 PM

Name of Facility:	Kane Scrap Iron and Metal, Inc.			Permit No.:	MAR05DY90		
Street Address:	184 East Meadow Street			City:	Chicopee	State:	MA
						Zip Code:	01013
Outfall Number:	DA-001	Substantially Identical Outfall?	<input type="checkbox"/> No <input type="checkbox"/> Yes	Identify Substantially Identical Outfalls:			
Quarter/Year:	1st Quarter - 2014 (1/1 to 3/31)	Substitute Sample?:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	Identify quarter/year when sample was originally scheduled to be collected:			
Person(s)/Title(s) collecting sample:	Robert E. Kane III - Non-Ferrous Metals Manager						
Person(s)/Title(s) examining sample:	Robert E. Kane III - Non-Ferrous Metals Manager						
Date & Time Storm or Snowmelt Began:	3/29/2014 @ 12:00 pm	Date & Time Sample Collected:	3/29/2014 @ 3:00 pm	Date & Time Sample Examined:	3/31/2014 @ 8:00 am		
Nature of Discharge:	<input checked="" type="checkbox"/> Rainfall	<input type="checkbox"/> Snowmelt	<input type="checkbox"/> Not Applicable	Previous Storm Ended > 72 hours Before Start of This Storm?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	(explain): <input type="checkbox"/> Not Applicable	
Rainfall Amount:	1.10 inches	Parameter:					
Color:	<input type="checkbox"/> None <input checked="" type="checkbox"/> Other (describe): Beige						
Odor:	<input type="checkbox"/> None <input checked="" type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Solvents						
Clarity:	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other (describe):						
Floating Solids:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe): Fine Particulate						
Settled Solids**:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe):						
Suspended Solids:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe): Fine Particulate						
Oil Sheen:	<input checked="" type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globes <input type="checkbox"/> Sheen <input type="checkbox"/> Slick <input type="checkbox"/> Other (describe):						
Foam (gentle shake sample):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe):						
Other (gentle indicators of Storm Water Pollution):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe):						

*The 72 hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72 hour interval is representative of local storm events during the sampling period.

**Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Sampling not performed due to adverse conditions: No Yes (explain):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter: No Yes (explain):

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary): A measurable precipitation event was documented on March 28, 2014 (0.13 inches). However, no discharge was observed and consequently, a sample set was not collected.

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements)

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Robert E. Kane III

B. Title: Non-Ferrous Metals Manager

C. Signature:

D. Date Signed: 3/31/2014

MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Sample Duration: 2:45 PM - 3:45 PM

Name of Facility:	Kane Scrap Iron and Metal, Inc.		Permit No.:	MAR05DY90	
Street Address:	184 East Meadow Street		City:	Chicopee	State: MA Zip Code: 01013
Outfall Number:	DA-002	Substantially Identical Outfall?	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	(Identify Substantially Identical Outfalls):
Quarter/Year:	1st Quarter - 2014 (1/1 to 3/31)	Substitute Sample?	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Yes	(Identify quarter/year when sample was originally scheduled to be collected):
Person(s)/Title(s) collecting sample:	Robert E. Kane III - Non-Ferrous Metals Manager				
Person(s)/Title(s) examining sample:	Robert E. Kane III - Non-Ferrous Metals Manager				
Date & Time Storm or Snowmelt Began:	3/29/2014 @ 12:00 pm	Date & Time Sample Collected:	3/29/2014 @ 3:00 pm		
Nature of Discharge:	<input checked="" type="checkbox"/> Rainfall	<input type="checkbox"/> Snowmelt	<input type="checkbox"/> Not Applicable	Date & Time Sample Examined: 3/31/2014 @ 8:00 am	
Rainfall Amount:	1.10 inches	Previous Storm Ended > 72 hours Before Start of This Storm?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No* (explain):	<input type="checkbox"/> Not Applicable
Color:	<input checked="" type="checkbox"/> None <input type="checkbox"/> Other (describe): _____ Parameter				
Odor:	<input checked="" type="checkbox"/> None <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Solvents <input type="checkbox"/> Other (describe): _____				
Clarity:	<input checked="" type="checkbox"/> Clear <input type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other (describe): _____				
Floating Solids:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe): _____				
Settled Solids**:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe): _____				
Suspended Solids:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe): Fine Particulate				
Oil Sheen:	<input checked="" type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globes <input type="checkbox"/> Sheen <input type="checkbox"/> Slick <input type="checkbox"/> Other (describe): _____				
Foam (gently shake sample):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe): _____				
Other Obvious Indicators of Storm Water Pollution:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe): _____				

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**Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Sampling not performed due to adverse conditions: No Yes (explain): _____

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter: No Yes (explain): _____

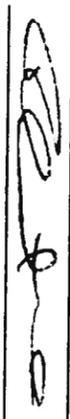
Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary): A measurable precipitation event was documented on March 28, 2014 (0.13 inches). However, no discharge was observed and consequently, a sample set was not collected.

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A. Name: Robert E. Kane III

B. Title: Non-Ferrous Metals Manager

C. Signature: 

D. Date Signed: 3/31/2014

Weather History for Chicopee, MA

Saturday, March 29, 2014 — [View Current Weather Conditions](#)

	Actual	Average	Record
Temperature			
Mean Temperature	46 °F	-	-
Max Temperature	53 °F	48 °F	75 °F (1998)
Min Temperature	39 °F	31 °F	23 °F (2011)
Degree Days			
Heating Degree Days	19	-	-
Moisture			
Dew Point	43 °F	-	-
Average Humidity	96	-	-
Maximum Humidity	100	-	-
Minimum Humidity	62	-	-
Precipitation			
Precipitation	1.10 in	-	-
Sea Level Pressure			
Sea Level Pressure	30.08 in	-	-0
Wind			
Wind Speed	7 mph (North)	-	-
Max Wind Speed	14 mph	-	-
Max Gust Speed	-	-	-
Visibility	6 miles	-	-
Events			
Rain	-	-	-

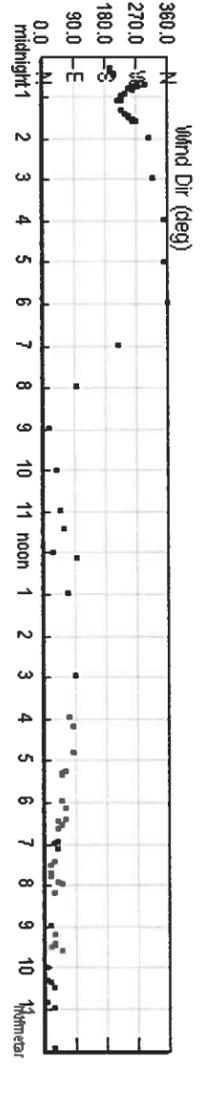
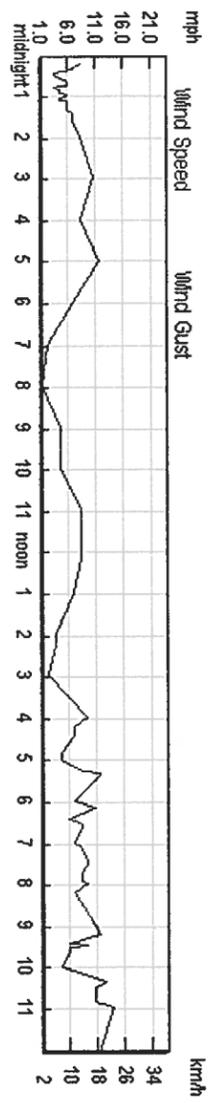
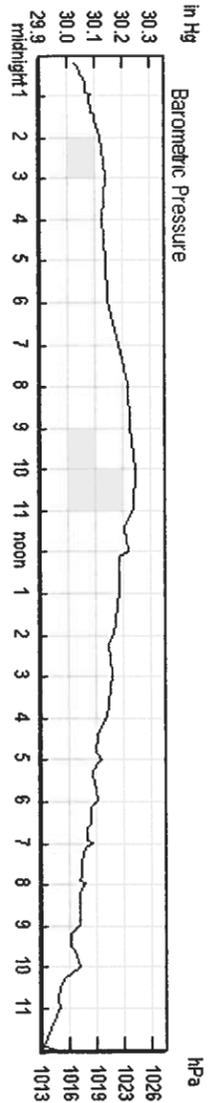
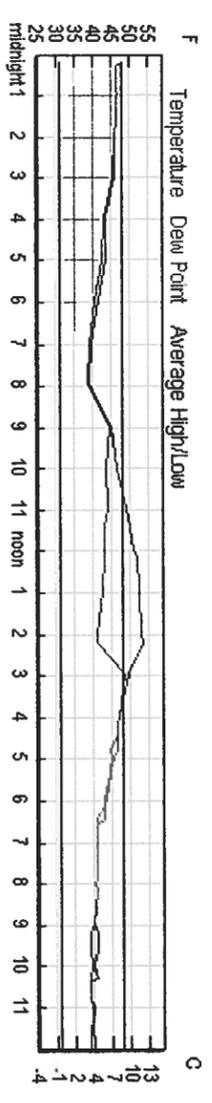
Averages and records for this station are not official NWS values.

Click here for data from the nearest station with official NWS data (KBDL).

T = Trace of Precipitation, MM = Missing Value

Source: NWS Daily Summary

Seasonal Weather Averages



Time (EDT)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip
12:12 AM	48.2 °F	-	48.2 °F	100%	30.03 in	3.0 mi	SSW	8.1 mph	-	N/A
12:18 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.04 in	2.5 mi	SSW	6.9 mph	-	N/A
12:21 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.04 in	3.0 mi	SSW	6.9 mph	-	N/A
12:26 AM	46.4 °F	45.2 °F	46.4 °F	100%	30.05 in	2.5 mi	SSW	3.5 mph	-	N/A
12:27 AM	46.4 °F	45.2 °F	46.4 °F	100%	30.05 in	3.0 mi	SSW	3.5 mph	-	N/A
12:38 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.07 in	2.5 mi	West	5.8 mph	-	N/A
12:41 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.07 in	2.0 mi	W/NW	5.8 mph	-	N/A
12:43 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.07 in	1.8 mi	West	5.8 mph	-	N/A
12:44 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.07 in	1.5 mi	West	5.8 mph	-	N/A
12:45 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.07 in	1.5 mi	West	4.6 mph	-	N/A
12:46 AM	46.4 °F	45.2 °F	46.4 °F	100%	30.07 in	1.2 mi	WSW	3.5 mph	-	N/A
12:47 AM	46.4 °F	45.2 °F	46.4 °F	100%	30.07 in	1.2 mi	WSW	3.5 mph	-	N/A

Time (EDT)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip
12:48 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.07 in	1.2 mi	West	4.6 mph	-	N/A
12:49 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.07 in	1.0 mi	West	4.6 mph	-	N/A
12:50 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.07 in	1.0 mi	West	4.6 mph	-	N/A
12:55 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.07 in	1.0 mi	WSW	4.6 mph	-	N/A
12:58 AM	46.9 °F	-	46.9 °F	100%	30.09 in	1.0 mi	SW	5.8 mph	-	0.00 in
1:02 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.08 in	1.0 mi	SW	4.6 mph	-	N/A
1:05 AM	46.4 °F	44.3 °F	46.4 °F	100%	30.08 in	1.0 mi	SW	4.6 mph	-	N/A
1:06 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.08 in	0.8 mi	SW	5.8 mph	-	N/A
1:18 AM	46.4 °F	43.5 °F	46.4 °F	100%	30.09 in	1.0 mi	SW	5.8 mph	-	N/A
1:25 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.09 in	1.0 mi	WSW	6.9 mph	-	N/A
1:27 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	1.0 mi	WSW	6.9 mph	-	N/A
1:28 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	1.2 mi	WSW	6.9 mph	-	N/A
1:29 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	1.2 mi	WSW	6.9 mph	-	N/A
1:30 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	1.5 mi	WSW	6.9 mph	-	N/A
1:31 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	1.8 mi	West	6.9 mph	-	N/A
1:32 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	2.0 mi	West	6.9 mph	-	N/A
1:33 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	2.5 mi	West	6.9 mph	-	N/A
1:35 AM	46.4 °F	42.9 °F	46.4 °F	100%	30.10 in	3.0 mi	West	6.9 mph	-	N/A
1:58 AM	45.9 °F	41.7 °F	45.9 °F	100%	30.12 in	8.0 mi	NW	8.1 mph	-	0.01 in
2:58 AM	46.0 °F	41.0 °F	45.5 °F	98%	30.14 in	10.0 mi	NW	10.4 mph	-	N/A
3:58 AM	43.3 °F	38.6 °F	43.0 °F	99%	30.13 in	10.0 mi	North	8.1 mph	-	N/A
4:58 AM	43.3 °F	37.2 °F	42.3 °F	96%	30.14 in	10.0 mi	North	11.5 mph	-	N/A
5:58 AM	41.4 °F	36.8 °F	40.8 °F	98%	30.15 in	10.0 mi	North	6.9 mph	-	N/A
6:58 AM	39.4 °F	-	39.0 °F	99%	30.19 in	10.0 mi	SW	2.3 mph	-	N/A
7:58 AM	39.2 °F	-	38.8 °F	99%	30.22 in	10.0 mi	East	1.2 mph	-	N/A
8:58 AM	45.1 °F	42.8 °F	44.4 °F	97%	30.23 in	10.0 mi	NNE	4.6 mph	-	N/A
9:58 AM	46.6 °F	-	43.5 °F	89%	30.25 in	10.0 mi	NE	4.6 mph	-	N/A
10:58 AM	49.1 °F	-	43.9 °F	82%	30.24 in	10.0 mi	NE	8.1 mph	-	N/A
11:24 AM	50.0 °F	-	42.8 °F	76%	30.21 in	10.0 mi	ENE	8.1 mph	-	N/A
11:58 AM	51.1 °F	-	43.0 °F	74%	30.22 in	10.0 mi	NNE	8.1 mph	-	N/A
12:07 PM	51.8 °F	-	42.8 °F	71%	30.19 in	10.0 mi	East	8.1 mph	-	N/A
12:58 PM	52.5 °F	-	42.3 °F	68%	30.19 in	10.0 mi	ENE	6.9 mph	-	N/A
1:58 PM	53.1 °F	-	41.2 °F	64%	30.17 in	10.0 mi	Variable	3.5 mph	-	N/A

Time (EDT)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip
2:11 PM	53.6 °F	-	41.0 °F	62%	30.15 in	10.0 mi	Variable	3.5 mph	-	N/A
2:58 PM	49.3 °F	-	48.7 °F	98%	30.16 in	8.0 mi	East	2.3 mph	-	0.04 in
3:58 PM	46.9 °F	-	46.8 °F	99%	30.14 in	9.0 mi	ENE	9.2 mph	-	0.06 in
4:12 PM	46.4 °F	42.9 °F	46.4 °F	100%	30.12 in	10.0 mi	East	6.9 mph	-	N/A
4:24 PM	46.4 °F	42.9 °F	46.4 °F	100%	30.11 in	10.0 mi	Variable	6.9 mph	-	N/A
4:49 PM	46.4 °F	44.3 °F	44.6 °F	93%	30.10 in	10.0 mi	East	4.6 mph	-	N/A
4:58 PM	45.3 °F	43.0 °F	45.1 °F	99%	30.12 in	10.0 mi	Variable	4.6 mph	-	0.03 in
5:15 PM	44.6 °F	40.2 °F	44.6 °F	100%	30.09 in	10.0 mi	ENE	8.1 mph	-	N/A
5:18 PM	44.6 °F	38.8 °F	44.6 °F	100%	30.09 in	10.0 mi	NE	11.5 mph	-	N/A
5:19 PM	44.6 °F	38.8 °F	44.6 °F	100%	30.09 in	10.0 mi	NE	11.5 mph	-	N/A
5:58 PM	43.3 °F	39.2 °F	43.2 °F	99%	30.11 in	10.0 mi	NE	6.9 mph	-	0.04 in
6:07 PM	42.8 °F	37.0 °F	42.8 °F	100%	30.08 in	7.0 mi	ENE	10.4 mph	-	N/A
6:23 PM	42.8 °F	39.3 °F	41.0 °F	93%	30.08 in	8.0 mi	ENE	5.8 mph	-	N/A
6:24 PM	42.8 °F	39.3 °F	41.0 °F	93%	30.08 in	8.0 mi	ENE	5.8 mph	-	N/A
6:26 PM	42.8 °F	38.6 °F	41.0 °F	93%	30.08 in	7.0 mi	NE	6.9 mph	-	N/A
6:33 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.08 in	6.0 mi	NE	8.1 mph	-	N/A
6:38 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.07 in	9.0 mi	NE	8.1 mph	-	N/A
6:57 PM	41.0 °F	36.4 °F	41.0 °F	100%	30.07 in	10.0 mi	NE	6.9 mph	-	N/A
6:58 PM	41.0 °F	36.4 °F	41.0 °F	100%	30.09 in	10.0 mi	NNE	6.9 mph	-	0.09 in
7:06 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.06 in	10.0 mi	NE	8.1 mph	-	N/A
7:25 PM	41.0 °F	35.2 °F	41.0 °F	100%	30.05 in	10.0 mi	NNE	9.2 mph	-	N/A
7:31 PM	41.0 °F	35.2 °F	41.0 °F	100%	30.05 in	10.0 mi	NNE	9.2 mph	-	N/A
7:40 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.05 in	9.0 mi	NNE	8.1 mph	-	N/A
7:46 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.05 in	10.0 mi	NNE	8.1 mph	-	N/A
7:55 PM	41.0 °F	35.8 °F	41.0 °F	100%	30.04 in	10.0 mi	NE	8.1 mph	-	N/A
7:58 PM	40.8 °F	35.0 °F	40.6 °F	99%	30.06 in	10.0 mi	NE	9.2 mph	-	0.06 in
8:11 PM	41.0 °F	36.4 °F	41.0 °F	100%	30.04 in	7.0 mi	NNE	6.9 mph	-	N/A
8:58 PM	40.3 °F	33.9 °F	40.1 °F	99%	30.04 in	4.0 mi	NNE	10.4 mph	-	0.16 in
9:10 PM	41.0 °F	34.3 °F	39.2 °F	93%	30.01 in	5.0 mi	NNE	11.5 mph	-	N/A
9:24 PM	41.0 °F	37.1 °F	39.2 °F	93%	30.01 in	6.0 mi	NNE	5.8 mph	-	N/A
9:28 PM	41.0 °F	35.2 °F	39.2 °F	93%	30.01 in	5.0 mi	NNE	9.2 mph	-	N/A
9:31 PM	41.0 °F	37.1 °F	39.2 °F	93%	30.01 in	5.0 mi	NNE	5.8 mph	-	N/A
9:34 PM	41.0 °F	37.1 °F	39.2 °F	93%	30.02 in	5.0 mi	NE	5.8 mph	-	N/A

Time (EDT)	Temp.	Windchill	Dew Point	Humidity	Pressure	Visibility	Wind Dir	Wind Speed	Gust Speed	Precip
9:58 PM	39.9 °F	36.7 °F	39.7 °F	99%	30.04 in	7.0 mi	North	4.6 mph	-	0.23 in
10:19 PM	41.0 °F	34.3 °F	39.2 °F	93%	29.98 in	7.0 mi	North	11.5 mph	-	N/A
10:20 PM	39.2 °F	31.6 °F	39.2 °F	100%	29.98 in	7.0 mi	NNE	12.7 mph	-	N/A
10:29 PM	39.2 °F	32.5 °F	39.2 °F	100%	29.97 in	7.0 mi	NNE	10.4 mph	-	N/A
10:49 PM	39.2 °F	32.5 °F	39.2 °F	100%	29.96 in	7.0 mi	North	10.4 mph	-	N/A
10:58 PM	39.9 °F	32.1 °F	39.7 °F	99%	29.97 in	5.0 mi	NNE	13.8 mph	-	0.14 in
11:57 PM	39.2 °F	32.0 °F	39.2 °F	100%	29.91 in	4.0 mi	NNE	11.5 mph	-	N/A
11:58 PM	39.2 °F	32.0 °F	39.2 °F	100%	29.94 in	4.0 mi	NNE	11.5 mph	-	0.24 in

Report Date:
11-Apr-14 15:11

- Final Report
- Re-Issued Report
- Revised Report



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Laboratory Report

Environmental Compliance Services
588 Silver Street
Agawam, MA 01001
Attn: Todd Donze

Project: Kane Scrap Iron + Metal Inc - Chicopee, MA
Project #: 01-215977.13.00

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB86807-01	DA-001	Storm Water	29-Mar-14 14:45	31-Mar-14 15:05
SB86807-02	DA-002	Storm Water	29-Mar-14 14:45	31-Mar-14 15:05

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435



Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 7 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 330 Silver Street location (NY-11840, NJ-M4012, PA-68-04426 and FL-E87936).

Please contact the Laboratory or Technical Director at 800-789-9113 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

The samples were received 2.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA 200.7

Samples:

SB86807-01 *DA-001*

IMRL raised to correlate to batch QC reporting limits.

Iron

SB86807-02 *DA-002*

IMRL raised to correlate to batch QC reporting limits.

Iron

HACH8000

Spikes:

1407876-MS2 *Source: SB86807-02*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Chemical Oxygen Demand

1407876-MSD2 *Source: SB86807-02*

The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Chemical Oxygen Demand

Samples:

SB86807-01 *DA-001*

The Reporting Limit has been raised to account for matrix interference.

Chemical Oxygen Demand

Sample Acceptance Check Form

Client: Environmental Compliance Services - Agawam, MA
 Project: Kane Scrap Iron + Metal Inc - Chicopee, MA / 01-215977.13.00
 Work Order: SB86807
 Sample(s) received on: 3/31/2014
 Received by: Vickie Knowles

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

- | | <u>Yes</u> | <u>No</u> | <u>N/A</u> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| 1. Were custody seals present? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 2. Were custody seals intact? | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| 3. Were samples received at a temperature of $\leq 6^{\circ}\text{C}$? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4. Were samples cooled on ice upon transfer to laboratory representative? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 5. Were samples refrigerated upon transfer to laboratory representative? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. Were sample containers received intact? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. Were samples accompanied by a Chain of Custody document? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. Did sample container labels agree with Chain of Custody document? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. Were samples received within method-specific holding times? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

This laboratory report is not valid without an authorized signature on the cover page.

Sample Identification
 DA-001 Client Project # 01-215977.13.00 Matrix Storm Water Collection Date/Time 29-Mar-14 14:45 Received 31-Mar-14
 SB86807-01

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field		N/A			1	EPA 200/6000 methods			BJW	1406996	
	Preserved												
Total Metals by EPA 200 Series Methods													
7429-90-5	Aluminum	1.89		mg/l	0.0500	0.0385	1	EPA 200.7	07-Apr-14	09-Apr-14	arf	1407353	X
7440-50-8	Copper	0.260		mg/l	0.0100	0.0032	1	.	.	.	.	.	X
7439-89-6	Iron	4.16		mg/l	0.0800	0.0230	1	.	.	.	.	.	X
7440-86-6	Zinc	0.634		mg/l	0.0100	0.0052	1	.	.	.	.	.	X
General Chemistry Parameters													
	Hardness	156		mg/l CaCO3	0.582	0.148	1	SM 2340B	07-Apr-14	09-Apr-14	arf	1407353	X
	Chemical Oxygen Demand	110		mg/l	50.0	28.7	1	HACH8000	11-Apr-14	11-Apr-14	TD/CA	1407876	X

Sample Identification
 DA-002 Client Project # 01-215977.13.00 Matrix Storm Water Collection Date/Time 29-Mar-14 14:45 Received 31-Mar-14
 SB86807-02

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field		N/A			1	EPA 200/6000 methods			BJW	1406996	
	Preserved												
Total Metals by EPA 200 Series Methods													
7429-90-5	Aluminum	1.18		mg/l	0.0500	0.0385	1	EPA 200.7	07-Apr-14	09-Apr-14	arf	1407353	X
7440-50-8	Copper	0.0872		mg/l	0.0100	0.0032	1	.	.	.	.	.	X
7439-89-6	Iron	2.63		mg/l	0.0800	0.0230	1	.	.	.	.	.	X
7440-86-6	Zinc	0.227		mg/l	0.0100	0.0052	1	.	.	.	.	.	X
General Chemistry Parameters													
	Hardness	21.0		mg/l CaCO3	0.582	0.148	1	SM 2340B	07-Apr-14	09-Apr-14	arf	1407353	X
	Chemical Oxygen Demand	40.6		mg/l	50.0	28.7	1	HACH8000	11-Apr-14	11-Apr-14	TD/CA	1407876	X

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RD L	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1407353 - EPA 200 Series										
<u>Blank (1407353-BLK1)</u>										
Zinc	< 0.0100		mg/l	0.0100						
Iron	< 0.0800		mg/l	0.0800						
Copper	< 0.0100		mg/l	0.0100						
Aluminum	< 0.0500		mg/l	0.0500						
<u>LOS (1407353-B51)</u>										
Zinc	2.70		mg/l	0.0100	2.50	108	108	85-115		
Iron	2.70		mg/l	0.0800	2.50	108	108	85-115		
Copper	2.67		mg/l	0.0100	2.50	107	107	85-115		
Aluminum	2.80		mg/l	0.0500	2.50	112	112	85-115		

Prepared: 07-Apr-14 Analyzed: 08-Apr-14

Prepared: 07-Apr-14 Analyzed: 08-Apr-14

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RD.L	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1407353 - EPA 200 Series										
<u>Blank (1407353-BLK1)</u>										
Hardness	< 0.582		mg/l CaCO3	0.582		<u>Prepared: 07-Apr-14 Analyzed: 09-Apr-14</u>				
<u>LCS (1407353-BS1)</u>										
Hardness	44.2		mg/l CaCO3	0.582	41.6	<u>Prepared: 07-Apr-14 Analyzed: 09-Apr-14</u>	106	85-115		
Batch 1407876 - General Preparation										
<u>Blank (1407876-BLK1)</u>										
Chemical Oxygen Demand	< 5.00		mg/l	5.00		<u>Prepared & Analyzed: 11-Apr-14</u>				
<u>LCS (1407876-BS1)</u>										
Chemical Oxygen Demand	51.1		mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	102	90-110		
<u>Calibration Blank (1407876-CCB1)</u>										
Chemical Oxygen Demand	0.886		mg/l			<u>Prepared & Analyzed: 11-Apr-14</u>				
<u>Calibration Blank (1407876-CCB2)</u>										
Chemical Oxygen Demand	0.577		mg/l			<u>Prepared & Analyzed: 11-Apr-14</u>				
<u>Calibration Blank (1407876-CCB3)</u>										
Chemical Oxygen Demand	0.439		mg/l			<u>Prepared & Analyzed: 11-Apr-14</u>				
<u>Calibration Check (1407876-CCY1)</u>										
Chemical Oxygen Demand	53.5		mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	107	90-110		
<u>Calibration Check (1407876-CCY2)</u>										
Chemical Oxygen Demand	50.1		mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	100	90-110		
<u>Calibration Check (1407876-CCY3)</u>										
Chemical Oxygen Demand	52.0		mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	104	90-110		
<u>Duplicate (1407876-DUP2)</u>										
Chemical Oxygen Demand	34.8		mg/l	5.00		<u>Prepared & Analyzed: 11-Apr-14</u>	40.6		15	20
<u>Main: Spike (1407876-MS2)</u>										
Chemical Oxygen Demand	61.4	QM7	mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	40.6	80-120		
<u>Main: Spike Dup (1407876-HSD2)</u>										
Chemical Oxygen Demand	57.0	QM7	mg/l	5.00	50.0	<u>Prepared & Analyzed: 11-Apr-14</u>	40.6	80-120	7	20
<u>Reference (1407876-SRM1)</u>										
Chemical Oxygen Demand	52.5		mg/l	5.00	51.8	<u>Prepared & Analyzed: 11-Apr-14</u>	101	79-117		

This laboratory report is not valid without an authorized signature on the cover page.

Notes and Definitions

- QM7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- R01 The Reporting Limit has been raised to account for matrix interference.
- R06 IMRL raised to correlate to batch QC reporting limits.
- dry Sample results reported on a dry weight basis
- NR Not Reported
- RPD Relative Percent Difference
- LIV The initial volume for this sample has been reduced due to sample matrix and/or historical data therefore elevating the reporting limit.
- Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:
June O'Connor
Nicole Leja



CHAIN OF CUSTODY RECORD

Special Handling:
 Standard TAT - 7 to 10 business days
 Rush TAT - Date Needed:
 All TATs subject to laboratory approval.
 Min. 24-hour notification needed for rushes.
 Samples disposed of after 60 days unless otherwise instructed.

Report To: Todd Donze
 ECS Aquarum

Telephone #: (413) 784-3530

Project Mgr. Todd Donze

DW=Drinking Water GW=Groundwater W=Wastewater
 O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
 X1=Spentwater X2=
 X3=

1=Na₂SO₄ 2=HCl 3=H₂SO₄ 4=HNO₃ 5=NaOH 6=Ascorbic Acid 7=CH₃OH
 8=NaHSO₄ 9=Deionized Water 10=H₂PO₄ 11=SCC
 12=

MA DEP MCP CAM Report: Yes No
 CT DPH RCP Report: Yes No
 QAC Reporting Level
 Standard No QC DQA
 NY ASP A NY ASP B
 NJ Reduced NJ Full
 TIER II TIER IV
 Other

QAC Reporting Notes:
 * additional charges may apply
 List preservative code below:

Analyses: 31141411

Containers: 2

State-specific reporting standards:
 Other
 TIER II TIER IV
 NJ Reduced NJ Full
 NY ASP A NY ASP B
 Standard No QC DQA
 MA DEP MCP CAM Report: Yes No
 CT DPH RCP Report: Yes No
 QAC Reporting Level
 Standard No QC DQA
 NY ASP A NY ASP B
 NJ Reduced NJ Full
 TIER II TIER IV
 Other

Condition upon receipt: Ambient Iced Refrigerated Custody Seals: Present Intact Broken
 Broken Broken Broken

Condition upon receipt: Ambient Iced Refrigerated Custody Seals: Present Intact Broken
 Broken Broken Broken

Relinquished by: [Signature]
 Received by: [Signature]
 Date: 3/31/14
 Time: 2:45 P

Temp °C

E-mail to: Todd Donze
 E-mail to: Todd Donze

Condition upon receipt: Ambient Iced Refrigerated Custody Seals: Present Intact Broken
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SP36807.02



WHERE BUSINESS AND THE ENVIRONMENT CONVERGE

588 Silver Street, Agawam, MA 01001 tel 413.789.3530 fax 413.789.2776 www.wecsconsult.com

Environmental Protection Agency
Office of Water, Water Permits Division
Code 4203M, ATTN: MSGP Reports
Pennsylvania Avenue, NW
Washington, D.C. 20460

April 14, 2014
Project No. 01-215977.13.00
Document No.

RE: NPDES Multi-Sector General Permit
Quarterly Benchmark Monitoring Results
Quarterly Visual Examination Form
Quarter: January 1, 2014 – March 31, 2014
MSGP Tracking Number: MAR05DY90

Dear Sir/Madam:

On behalf of Kane Scrap Iron and Metal, Inc. (Kane) and in accordance with the requirements of the 2008 Multi-Sector General Permit regarding Storm Water Discharge Associated with Industrial Activity (MSGP) under the National Pollutant Discharge Elimination System (NPDES), Environmental Compliance Services, Inc. (ECS) is providing the attached Quarterly Visual Examination Form(s) and Quarterly Benchmark Monitoring Results for samples collected at the facility located at 184 East Meadow Street in Chicopee, Massachusetts, during the January 1, 2014 – March 31, 2014 monitoring period.

If you have any questions and/or concerns regarding any of this information, please do not hesitate to contact ECS at (413) 789-3530.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Todd Donze
Environmental Scientist